

10/600,691 Search History Printout

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	4	"369"/\$7.ccls. and (((skip\$4 jump\$3 ("not" adj (record\$3 writ\$3))) near3 ((adjacent (every adj other)) near3 track)) with (record\$3 writ\$3)) (("N+2"\$2 "(N+2)"\$2 "M+2"\$2 "(M+2)"\$2 "T+2"\$2 "(P+2)"\$2 "G+2"\$2 "G+2"\$2 alternating alternate) near3 (track rotation revolution round) near3 (record\$3 writ\$3 unrecorded unwritten empty unused))) and spiral\$2	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 18:16
L6	0	"369"/\$7.ccls. and ((alternat\$3 near3 ((blank\$2 unrecorded unwritten empty) near3 track))) and (spiral\$2)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 18:14
S1	6	("5734633" "5128914" "6246651" "5500840" "5774439" "6295261"). pn.	USPAT	OR	ON	2005/08/12 10:45
S2	4	(osakabe-katsuichi and usui-akira).in.	US-PGPUB; USPAT	OR	ON	2005/08/11 14:24
S3	1023	"369"/\$7.ccls. and ((record\$3 writ\$3) with ((alternat\$3 near3 track) ((land groove) near2 only)))	US-PGPUB; USPAT	OR	ON	2005/08/10 16:27
S4	135	"369"/\$7.ccls. and (((record\$3 writ\$3) near3 (mark pit)) with ((alternat\$3 near3 track) ((land groove) near2 only)))	US-PGPUB; USPAT	OR	ON	2005/08/10 16:26
S5	119	"369"/\$7.ccls. and ((record\$3 writ\$3) with ((alternat\$3 near3 track) ((land groove) near2 only))) and (((grating diffract\$3) with (three near3 (beam spot))) ((diffract\$3 grating) same (push near pull)))	US-PGPUB; USPAT	OR	ON	2005/08/10 16:29
S6	88	"369"/\$7.ccls. and ((record\$3 writ\$3) with ((alternat\$3 near3 track) ((land groove) near2 only))) and (((grating diffract\$3) with (three near3 (beam spot))) ((diffract\$3 grating) same ((push near pull) with (track\$3 near3 (signal error follow\$3))))))	US-PGPUB; USPAT	OR	ON	2005/08/10 16:35

S7	38	"369"/\$7.ccls. and ((record\$3 writ\$3) with ((alternat\$3 near3 track) ((land groove) near2 only))) and (((grating diffract\$3) with (three near3 (beam spot))) ((diffract\$3 grating) same ((push near pull) with (track\$3 near3 (signal error follow\$3)))))) and (spiral\$2 near3 track)	US-PGPUB; USPAT	OR	ON	2005/08/10 16:55
S8	3	"369"/\$7.ccls. and (((alternat\$3 near3 ((blank\$2 unrecorded unwritten empty) near3 track))) and (spiral\$2 near3 track)	US-PGPUB; USPAT	OR	ON	2005/08/12 18:13
S9	21	"369"/\$7.ccls. and ((track adj jump\$3) near3 (unexpect\$4 unwanted undesir\$4 accident\$4))	US-PGPUB; USPAT	OR	ON	2005/08/11 09:18
S10	5557	"369"/\$7.ccls. and ((spindle rotat\$3) with (output frequenc\$3 pulse (phase near3 signal)))	US-PGPUB; USPAT	OR	ON	2005/08/11 09:19
S11	60	"369"/\$7.ccls. and ((spindle rotat\$3) with (output frequenc\$3 pulse (phase near3 signal))) and ((track near3 jump\$3) near3 (round rotation revolution rotates revolves turn))	US-PGPUB; USPAT	OR	ON	2005/08/11 09:21
S12	52	"369"/\$7.ccls. and ((spindle rotat\$3) with (output frequenc\$3 pulse (phase near3 signal))) and ((track near3 jump\$3) near3 (round rotation revolution rotates revolves))	US-PGPUB; USPAT	OR	ON	2005/08/11 09:23
S13	36	"369"/\$7.ccls. and ((spindle rotat\$3) near5 (output frequenc\$3 pulse (phase near3 signal))) and ((track near3 jump\$3) near3 (round rotation revolution rotates revolves))	US-PGPUB; USPAT	OR	ON	2005/08/11 09:38
S14	8	"369"/\$7.ccls. and (((alternat\$3 (every adj other) odd even) near3 track) (only near3 (groove land) near3 (record\$3 writ\$3))) same ((track near3 jump\$3) near3 (round rotation revolution rotates revolves))	US-PGPUB; USPAT	OR	ON	2005/08/11 09:50
S15	2737	"369"/\$7.ccls. and (((alternat\$3 (every adj other) odd even) near3 track) (only near3 (groove land) near3 (record\$3 writ\$3)))	US-PGPUB; USPAT	OR	ON	2005/08/11 09:59

S16	222	"369"/\$7.ccls. and (((alternat\$3 (every adj other) odd even) near3 track) (only near3 (groove land) near3 (record\$3 writ\$3))) same (track near3 jump\$3))	US-PGPUB; USPAT	OR	ON	2005/08/11 09:57
S17	22	"369"/\$7.ccls. and (((alternat\$3 (every adj other) odd even) near3 track) (only near3 (groove land) near3 (record\$3 writ\$3))) same ((track near3 jump\$3) with (rotat\$3 revolution revolv\$3 turn spin round)))	US-PGPUB; USPAT	OR	ON	2005/08/11 09:59
S18	380	"369"/\$7.ccls. and ((alternat\$3 (every adj other) ((odd even groove land) near3 only)) near3 track near3 (record\$3 writ\$3))	US-PGPUB; USPAT	OR	ON	2005/08/11 10:03
S19	470	"369"/\$7.ccls. and (((groove land) near3 only) near3 (record\$3 writ\$3))	US-PGPUB; USPAT	OR	ON	2005/08/11 10:02
S20	139	S18 and S19	US-PGPUB; USPAT	OR	ON	2005/08/11 10:02
S21	711	S18 S19	US-PGPUB; USPAT	OR	ON	2005/08/11 10:30
S22	709	"369"/\$7.ccls. and (((alternat\$3 (every adj other) ((odd even) near3 only)) near3 track near3 (record\$3 writ\$3)) (((groove land) near3 only) near3 (record\$3 writ\$3)))	US-PGPUB; USPAT	OR	ON	2005/08/11 10:04
S23	1	"369"/\$7.ccls. and (((alternat\$3 (every adj other) ((odd even) near3 only)) near3 track near3 (record\$3 writ\$3)) (((groove land) near3 only) near3 (record\$3 writ\$3))) same ((track near3 jump\$3) with (rotat\$3 revolution revolv\$3 turn spin round)))	US-PGPUB; USPAT	OR	ON	2005/08/11 10:07
S24	6	"369"/\$7.ccls. and (((record\$3 writ\$3) with (session data information) with ((groove even) near3 only))) same (((record\$3 writ\$3) with ((session data information) near3 (second additional\$2 different third)) with ((land odd) near3 only)))	US-PGPUB; USPAT	OR	ON	2005/08/11 10:13

S25	.6	"369"/\$7.ccls. and (((record\$3 writ\$3) with (session data information) with ((land odd near3 only))) same (((record\$3 writ\$3) with ((session data information) near3 (second additional\$2 different third)) with ((groove even) near3 only))))	US-PGPUB; USPAT	OR	ON	2005/08/11 10:17
S26	1	"369"/\$7.ccls. and (((((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (track\$3 near3 (error signal))) same (sampl\$3 with (track\$3 near3 (error signal)) with (blank space)))	US-PGPUB; USPAT	OR	ON	2005/08/11 10:50
S27	2	"369"/\$7.ccls. and (((((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (track\$3 near3 (error signal))) and (sampl\$3 with (track\$3 near3 (error signal)) with (blank space)))	US-PGPUB; USPAT	OR	ON	2005/08/11 10:42
S28	21	"369"/\$7.ccls. and (((((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (track\$3 near3 (error signal))) and (sampl\$3 with (track\$3 near3 (error signal)) with (writ\$3 record\$3)))	US-PGPUB; USPAT	OR	ON	2005/08/11 10:43
S29	3	"369"/\$7.ccls. and (((((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (track\$3 near3 (error signal))) same (((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (mark pit) with (space blank unrecorded unwritten)))	US-PGPUB; USPAT	OR	ON	2005/08/11 11:02
S30	5	"369"/\$7.ccls. and (((((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (track\$3 near3 (error signal))) same (((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (mark pit ((recorded written) near3 (region area))) with (space blank ((unrecorded unwritten) near3 (region area))))	US-PGPUB; USPAT	OR	ON	2005/08/11 11:14

S31	136	"369"/\$7.ccls. and (((record\$3 writ\$3 draw\$3) near3 (visual image picture logo)) with (groove (\$2between adj track)))	US-PGPUB; USPAT	OR	ON	2005/08/11 11:19
S32	136	"369"/\$7.ccls. and (((record\$3 writ\$3 draw\$3) near3 (visual image picture logo watermark fingerprinting)) with (groove (\$2between adj track)))	US-PGPUB; USPAT	OR	ON	2005/08/11 11:21
S33	1	"369"/\$7.ccls. and (((record\$3 writ\$3 draw\$3) near3 (visual image picture logo watermark fingerprinting)) with (((unwritten unrecorded) near3 track) (\$2between adj track)))	US-PGPUB; USPAT	OR	ON	2005/08/11 11:21
S34	136	"369"/\$7.ccls. and (((record\$3 writ\$3 draw\$3) near3 (visual image picture logo watermark\$3 fingerprinting)) with (groove (\$2between adj track)))	US-PGPUB; USPAT	OR	ON	2005/08/11 11:21
S35	136	"369"/\$7.ccls. and (((record\$3 writ\$3 draw\$3) near3 (visual image picture logo watermark\$3 fingerprinting)) watermarking) with (groove (\$2between adj track)))	US-PGPUB; USPAT	OR	ON	2005/08/11 11:22
S36	43	"369"/\$7.ccls. and (spiral\$2) and (jump\$3 with ((end\$3 every) near3 (rotation revolution revolves rotates (complete\$1 near2 (spin turn))))))	US-PGPUB; USPAT	OR	ON	2005/08/11 16:50
S37	27	"369"/\$7.ccls. and ("cd-r" with (spiral\$2 near3 track))	US-PGPUB; USPAT	OR	ON	2005/08/11 16:51
S38	5	"369"/\$7.ccls. and (((increas\$3 rais\$3 high\$2) near3 (record\$3 writ\$3) near3 (power intensity)) with (wide\$2 near3 (mark pit ((recorded written) near3 (area region))))))	US-PGPUB; USPAT	OR	ON	2005/08/12 10:52
S39	1	S38 and spiral\$2	US-PGPUB; USPAT	OR	ON	2005/08/12 10:48
S40	6	"369"/\$7.ccls. and (((increas\$3 rais\$3 high\$2) near3 (record\$3 writ\$3) near3 (power intensity)) with ((wide\$2 near3 (mark pit ((recorded written) near3 (area region)))) ((mark pit) with ((wider larger bigger extend\$3) near3 (track land groove))))))	US-PGPUB; USPAT	OR	ON	2005/08/12 10:55

S41	133	"369"/\$7.ccls. and spiral\$2 and (((skip\$4 jump\$3 pass\$3 ("not" adj (record\$3 writ\$3))) near3 (adjacent (every adj other))) ("N+2" "(N+2)") near3 (track rotation revolution round) near3 (record\$3 writ\$3)))	USPAT	OR	ON	2005/08/12 11:07
S42	119	"369"/\$7.ccls. and spiral\$2 and (((skip\$4 jump\$3 pass\$3 ("not" adj (record\$3 writ\$3))) near3 ((adjacent (every adj other)) near3 track)) ("N+2" "(N+2)") near3 (track rotation revolution round) near3 (record\$3 writ\$3)))	USPAT	OR	ON	2005/08/12 11:08
S43	106	"369"/\$7.ccls. and spiral\$2 and (((skip\$4 jump\$3 ("not" adj (record\$3 writ\$3))) near3 ((adjacent (every adj other)) near3 track)) ("N+2" "(N+2)") near3 (track rotation revolution round) near3 (record\$3 writ\$3)))	USPAT	OR	ON	2005/08/12 11:09
S44	163	"369"/\$7.ccls. and spiral\$2 and (((skip\$4 jump\$3 ("not" adj (record\$3 writ\$3))) near3 ((adjacent (every adj other)) near3 track)) ("N+2" "(N+2)") alternating alternate) near3 (track rotation revolution round) near3 (record\$3 writ\$3)))	USPAT	OR	ON	2005/08/12 11:11
S45	107	"369"/\$7.ccls. and spiral\$2 and (((skip\$4 jump\$3 ("not" adj (record\$3 writ\$3))) near3 ((adjacent (every adj other)) near3 track)) with (record\$3 writ\$3)) ("N+2" "(N+2)") alternating alternate) near3 (track rotation revolution round) near3 (record\$3 writ\$3 unrecorded unwritten empty unused)))	USPAT	OR	ON	2005/08/12 11:15
S46	108	"369"/\$7.ccls. and spiral\$2 and (((skip\$4 jump\$3 ("not" adj (record\$3 writ\$3))) near3 ((adjacent (every adj other)) near3 track)) with (record\$3 writ\$3)) ("N+2"\$2 "(N+2)"\$2 "M+2"\$2 "(M+2)"\$2 alternating alternate) near3 (track rotation revolution round) near3 (record\$3 writ\$3 unrecorded unwritten empty unused)))	USPAT	OR	ON	2005/08/12 11:17

S47	161	"369"/\$7.ccls. and (((skip\$4 jump\$3 ("not" adj (record\$3 writ\$3))) near3 ((adjacent (every adj other)) near3 track)) with (record\$3 writ\$3)) ("N+2"\$2 "(N+2)"\$2 "M+2"\$2 "(M+2)"\$2 alternating alternate) near3 (track rotation revolution round) near3 (record\$3 writ\$3 unrecorded unwritten empty unused)))	USPAT	OR	ON	2005/08/12 11:18
S48	163	"369"/\$7.ccls. and (((skip\$4 jump\$3 ("not" adj (record\$3 writ\$3))) near3 ((adjacent (every adj other)) near3 track)) with (record\$3 writ\$3)) ("N+2"\$2 "(N+2)"\$2 "M+2"\$2 "(M+2)"\$2 "T+2"\$2 "(T+2)"\$2 alternating alternate) near3 (track rotation revolution round) near3 (record\$3 writ\$3 unrecorded unwritten empty unused)))	USPAT	OR	ON	2005/08/12 11:18
S49	163	"369"/\$7.ccls. and (((skip\$4 jump\$3 ("not" adj (record\$3 writ\$3))) near3 ((adjacent (every adj other)) near3 track)) with (record\$3 writ\$3)) ("N+2"\$2 "(N+2)"\$2 "M+2"\$2 "(M+2)"\$2 "T+2"\$2 "(P+2)"\$2 "G+2"\$2 "G+2"\$2 alternating alternate) near3 (track rotation revolution round) near3 (record\$3 writ\$3 unrecorded unwritten empty unused)))	USPAT	OR	ON	2005/08/12 11:19
S50	110	"369"/\$7.ccls. and (((skip\$4 jump\$3 ("not" adj (record\$3 writ\$3))) near3 ((adjacent (every adj other)) near3 track)) with (record\$3 writ\$3)) ("N+2"\$2 "(N+2)"\$2 "M+2"\$2 "(M+2)"\$2 "T+2"\$2 "(P+2)"\$2 "G+2"\$2 "G+2"\$2 alternating alternate) near3 (track rotation revolution round) near3 (record\$3 writ\$3 unrecorded unwritten empty unused))) and spiral\$2	USPAT	OR	ON	2005/08/12 18:13
S51	87	"369"/\$7.ccls. and ((grating diffract\$3) same (((three adj beam) ((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (tracking tes (track near3 (signal following error)))))) and spiral\$2	USPAT	OR	ON	2005/08/12 12:32

S52	0	"369"/\$7.ccls. and ((grating near3 diffract\$3) same (((three adj beam) ((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (tracking tes (track near3 (signal following error)))) same (improv\$5 enhanc\$5 better)) and spiral\$2	USPAT	OR	ON	2005/08/12 12:33
S53	1	"369"/\$7.ccls. and (grating near3 diffract\$3) and (((three adj beam) ((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (tracking tes (track near3 (signal following error)))) with (improv\$5 enhanc\$5 better)) and spiral\$2	USPAT	OR	ON	2005/08/12 12:34
S54	6	"369"/\$7.ccls. and (grating near3 diffract\$3) and (((three adj beam) ((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (tracking tes (track near3 (signal following error)))) with (improv\$5 enhanc\$5 better prefer\$4 increas\$3)) and spiral\$2	USPAT	OR	ON	2005/08/12 12:37
S55	34	"369"/\$7.ccls. and (grating near3 diffract\$3) and (((three adj beam) ((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (tracking tes (track near3 (signal following error)))) with (improv\$5 enhanc\$5 better prefer\$4 increas\$3))	USPAT	OR	ON	2005/08/12 12:34
S56	14	"369"/\$7.ccls. and (grating near3 diffract\$3) and (((three adj beam) ((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (tracking tes (track near3 (signal following error)))) with (improv\$5 enhanc\$5 better prefer\$4 increas\$3 accur\$2 allow\$3 enabl\$3)) and spiral\$2	USPAT	OR	ON	2005/08/12 12:38

S57	14	"369"/\$7.ccls. and (grating near3 diffract\$3) and (((three adj beam) ((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (tracking tes (track near3 (signal following error)))) with (improv\$5 enhanc\$5 better prefer\$4 increas\$3 accura\$2 allow\$3 enabl\$3 quality)) and spiral\$2	USPAT	OR	ON	2005/08/12 12:38
S58	14	"369"/\$7.ccls. and (grating near3 diffract\$3) and (((three adj beam) ((sub side) near2 (beam spot)) side\$1beam\$1 sub\$1beam\$1 sub\$1spot\$1 side\$1spot\$1) with (tracking tes (track near3 (signal following error)))) with (improv\$5 enhanc\$5 better\$3 prefer\$4 increas\$3 accura\$2 allow\$3 enabl\$3 quality)) and spiral\$2	USPAT	OR	ON	2005/08/12 12:38
S59	8	S58 not S54	USPAT	OR	ON	2005/08/12 12:51
S60	150	"369"/\$7.ccls. and ((allow\$4 enabl\$3) with eras\$3 with (re\$1writ\$4 re\$1record\$4 over\$1record\$3 over\$1writ\$3))	USPAT	OR	ON	2005/08/12 12:53
S61	10	"369"/\$7.ccls. and ((allow\$4 enabl\$3) with eras\$3 with (re\$1writ\$4 re\$1record\$4 over\$1record\$3 over\$1writ\$3) with (phase adj chang\$3))	USPAT	OR	ON	2005/08/12 13:00
S62	4	S61 and spiral\$2	USPAT	OR	ON	2005/08/12 12:56
S63	9	"369"/\$7.ccls. and (((allow\$4 enabl\$3) with eras\$3 with (re\$1writ\$4 re\$1record\$4 over\$1record\$3 over\$1writ\$3)) same (phase adj chang\$3)) and spiral\$2	USPAT	OR	ON	2005/08/12 13:02
S64	7	"369"/\$7.ccls. and (((allow\$4 enabl\$3) with eras\$3 with (re\$1writ\$4 re\$1record\$4 over\$1record\$3 over\$1writ\$3)) same (phase adj chang\$3)) and spiral\$2 and (spindle rotat\$3)	USPAT	OR	ON	2005/08/12 13:07
S65	22	"369"/\$7.ccls. and (((allow\$4 enabl\$3) with eras\$3) same (phase adj chang\$3)) and spiral\$2 and (spindle rotat\$3)	USPAT	OR	ON	2005/08/12 17:25
S66	6	("4788685" "5216656" "5272684" "5483508" "5617388" "5815486").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 13:14

10/600,691 Interference Search

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	3	(spiral\$2 and ((sub side) near3 (beam spot)) and (diffract\$3 grating) and (light laser radiation) and ((track near3 (trac\$3 error signal)) tracking)).clm.	US-PGPUB	OR	ON	2005/08/12 18:21
L8	1	(spiral\$2 and ((sub side) near3 (beam spot)) and (diffract\$3 grating) and (light laser radiation) and ((track near3 (trac\$3 error signal)) tracking) and (blank\$3 near3 (round track rotation revolution))).clm.	US-PGPUB	OR	ON	2005/08/12 18:22